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determining, based on the final departure time, an estimated booking delay, after sending the reservation request, before the vehicle is predicted to arrive at the future location; and

determining, by the computing system, the predicted time as being earlier than the final departure time by at least the estimated booking delay.

12. The computer-readable storage medium of claim 10, wherein the instructions, when executed, further cause that at least one processor to determine the predicted time to request the vehicle by at least:

before sending the request, and responsive to determining that the predicted time coincides within a period of time determined to be associated with surges in market price associated with the transportation service, adjusting the predicted time to avoid the period of time.

13. The computer-readable storage medium of claim 10, wherein the reservation request specifies a particular class of service requested for completing the trip and the instructions, when executed, further cause that at least one processor to:

responsive to determining that the predicted time coincides within a period of time determined to be associated with surges in market price associated with the transportation service, select, the particular class to obtain a lowest price for the transportation service.

14. The computer-readable storage medium of claim 10, wherein the information associated with the user comprises context information including at least one of: calendar information, communication information, and sensor information.

15. The computer-readable storage medium of claim 10, wherein the instructions, when executed, further cause that at least one processor to select the transportation service in response to determining that the transportation service is a lowest cost service from one or more available services that the user can use to complete the trip.

16. The computer-readable storage medium of claim 10, wherein the instructions, when executed, further cause that at least one processor to update the predicted time in response to detecting a change to at least one of: the future time or the degree of likelihood of causing the vehicle to arrive at the future location by the final departure time.

17. The computer-readable storage medium of claim 10, wherein the instructions, when executed, further cause that at least one processor to:

refrain from sending the reservation request in response to receiving, from the computing device, a second indication confirming that the user does not intend to take the trip.

18. A computing system comprising:

at least one processor;

at least one module operable by the at least one processor to:

infer, based on information associated with a user of a computing device, that the user will need to complete a trip by traveling from a future location so as to arrive at a future destination by a future time;

select a transportation service that the user can use to complete the trip, wherein selecting the transportation service causes the at least one module to select the transportation service from a plurality of available transportation services, and wherein each of the

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available transportation services are different on-demand transportation services including a plurality of associated vehicles;

determine a predicted time to request a vehicle of the plurality of vehicles associated with the selected transportation service for completing the trip, wherein:

a request of the vehicle sent at the predicted time has a degree of likelihood that satisfies a likelihood threshold, wherein the degree of likelihood is a likelihood of causing the vehicle to arrive at the future location by a final departure time; and

the final departure time is a latest time at which the user is predicted to need to begin traveling from the future location to complete the trip and arrive at the future destination by the future time;

responsive to determining that a current time is within a threshold amount of time of the predicted time to request the vehicle associated with the selected transportation service:

automatically send, by the computing system, to the computing device, a request confirming that the user intends to take the trip, wherein the request confirming that the user intends to take the trip causes the computing device to render a user interface prompting the user to confirm that the user intends to take the trip, and wherein the user interface includes an indication of the future destination and the future time, and

receive, by the computing system, from the computing device and responsive to automatically sending the request confirming that the user intends to take the trip, an acknowledgement indicating the user intends to take the trip, wherein receiving the acknowledgment indicating that the user intends to take the trip comprises:

receiving user input, via the user interface of the computing device, the user input confirming that the user intends to take the trip, and

receiving location information that is generated by the computing device and that indicates the computing device is within a threshold distance of the future location at the current time;

responsive to receiving, from the computing device, both the user input confirming that the user intends to take the trip and the location information indicating that the computing device is within the threshold distance of the future location at the current time:

automatically send, to a reservation system associated with the selected transportation service, a reservation request for the vehicle associated with the selected transportation service for completing the trip wherein the reservation request causes the reservation system to dispatch the vehicle, associated with the selected transportation service, to the future location; and

responsive to receiving, from the reservation system, an acknowledgement indicating the reservation request can be satisfied, send, to the computing device, information for notifying the user that the vehicle associated with the selected transportation service is scheduled to arrive at the future location by the final departure time.

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